



EAGLE VIEW ADULT CENTER

*1150 Prairie Center Parkway
Brighton, Colorado 80601
303-655-2075*



The City of Brighton's Eagle View Adult Center is a model of thoughtful green building design and construction. In fact, the U.S. Green Building Council (USGBC), through its Green Building Certification Institute, awarded the Eagle View facility with a Leadership in Energy and Environmental Design (LEED) **"GOLD"** certification.

The USGBC's LEED system considers the environmental and human health impacts of a building in five categories:

1. Sustainable Sites
2. Materials and Resources
3. Water Efficiency
4. Energy and Atmosphere
5. Indoor Environmental Quality



Sustainable Sites

- Through a combination of vegetative buffers and a detention pond, the storm water management system collects and filters storm water runoff before releasing it back into the local storm sewer system.
- An onsite community garden provides access to fresh vegetables and therapeutic relief for building users.



Materials and Resources

- Materials with recycled and regional content were used throughout the building. Examples include Armstrong BioBased® Environmental Commercial Tile, locally extracted and manufactured concrete and drywall, and 100% recycled rebar.
- Over 50% of all wood purchased for the building is sustainably harvested and FSC (Forest Stewardship Council) certified.
- All composite wood and agrifiber products are free from urea-formaldehyde (UF) resin. UF is a known airborne irritant and carcinogen.
- All interior paints, coatings, sealants, and adhesives contain low or no VOCs (volatile organic compounds).
- The building uses low mercury lighting fixtures to reduce potential harm to the maintenance staff and the environment.

Water Efficiency

- Efficient irrigation systems and the use of native/adaptive vegetation reduces landscape water needs by 95% compared to a regional, mid-summer use baseline.
- The use of low-flow fixtures and dual flush toilets reduces water use by over 40% compared to standard fixtures.

Energy and Atmosphere

- Geothermal heat pumps form the core of the facility's efficient HVAC (heating, ventilation, and air conditioning) system. Along with efficient interior lighting systems, building energy use has been reduced by nearly 40% from the minimum building code baseline.



- The building contains ENERGY STAR rated equipment and appliances throughout.
- The City of Brighton offsets over 30% of the building's electricity use with Green-e Energy Certified Wind power.
- The project uses Enhanced Commissioning as well as a Measurement and Verification program to make sure all of the building's systems work well together. This improves overall building efficiency and provides immediate feedback on system performance.

Indoor Environmental Quality

- Prior to occupancy, the entire building was "flushed out" in order to reduce airborne toxins and particulates.
- The heating, cooling, and lighting systems provide occupants with increased local control over their own comfort.
- The building uses an improved thermal design and increased ventilation to provide fresher air and better thermal comfort.